Create the Relational Schemas for the 1st, 2nd and 3rd normal form :

**1 NF relational schema:**

PLAYER (PLAYER ID (PK), Player name, Birth city, Birth state, Birth country, HOF year , position)

PLAYER NAME (ID, Player name, First name, last name) --------------------Atomicity

SCHOOL (SCHOOL ID (PK), College yr, College Name)

TEAMS (TEAM ID (PK), LEAGUE ID (PK), Team name, year played)

STADIUM (PARK KEY (PK), Stadium name)

PITCHER (PLAYER ID(PK),Hits, base on balls, Home runs, Earned run average)

FIELDER (PLAYER ID (PK), Assists, Errors, put outs)

MANAGER (PLAYER ID (PK), games managed, wins managed, losses managed, Rank of team managed)

(Pitcher, Fielder, Manager are the child tables of Player table).

**2 NF relational schema:**

PLAYER (PLAYER ID (PK), Player name, Birth city, Birth state, Birth country, HOF year)

PLAYER NAME (ID, Player name, First name, last name) ------------Atomicity

SCHOOL (SCHOOL ID (PK), College Name)

PLAYER\_SCHOOL (PLAYER ID, SCHOOL ID, College Yr) ---------------Bridge Table

TEAMS (TEAM ID (PK), LEAGUE ID (PK), Team name)

STADIUM (PARK KEY (PK), Stadium name)

TEAM\_STADIUM (TEAM ID, PARK KEY, year played) ------------------Bridge Table

PITCHER (PLAYER ID(PK),Hits, base on balls, Home runs, Earned run average)

FIELDER (PLAYER ID (PK), Assists, Errors, put outs)

MANAGER (PLAYER ID (PK), games managed, wins managed, losses managed, Rank of team managed)

POSITION (PLAYER ID, TEAM ID, PARK KEY, Position) -------------------Bridge Table

**3 NF relational schema:**

PLAYER (PLAYER ID (PK), Player name, Birth city, Birth state, Birth country, HOF year)

PLAYER NAME (ID, Player name, First name, last name) -------------Atomicity

BIRTH PLACE (ID, Birth city, Birth state, Birth country) ----------------Transitive

SCHOOL (SCHOOL ID (PK), College Name)

PLAYER\_SCHOOL (PLAYER ID, SCHOOL ID, College Yr) ---------------Bridge Table

TEAMS (TEAM ID (PK), LEAGUE ID (PK), Team name)

STADIUM (PARK KEY (PK), Stadium name)

TEAM\_STADIUM (TEAM ID, PARK KEY, year played) ------------------Bridge Table

PITCHER (PLAYER ID(PK),Hits, base on balls, Home runs, ~~Earned run average~~)

FIELDER (PLAYER ID (PK), Assists, Errors, put outs)

MANAGER (PLAYER ID (PK), games managed)

TEAM MANAGEMENT (ID, games managed, wins managed, losses managed, Rank of team managed)--Transitive

POSITION (PLAYER ID, TEAM ID, PARK KEY, Position) -------------------Bridge Table